Work Orde Friday, October												Page 1
Item ID: Revision ID: Item Name:	D412-705-0 Driveshaft Tu	unnel Modification		Accept					Setup	Start Stop		
Start Date: Required Date: Reference:	10/21/2010	Start Qty: 2.00 Req'd Qty: 2.00			Cust Item II Customer:	D:					1 134 (116) B	
Approvals:	Process Pla	an:	Date://0/0-J	Tooling: SPC (Y/N):		ite:			Run	Start Stop		
Sequence ID/ Work Center II)	Operation Description		Set Up/ Run Hours	Tool ID		Plan Code	Accept Qty	Rej Qty		Reject Number	Insp. Stamp
Draw Nbr	Rev	vision Nbr						C -3				
N/A	Rev	/ C			•				,			
DC Document Control		DOCUMENT CONTR Memo Photocopy	ROL v bluefile & type labels per F	0.00 0.00 PPP D412-705-015 CF	1G 003 610 U	102	N,	Die Suit	all s	<u> </u>	ro/w	102
110 Packaging Packaging		Pick Kit Memo		0.00				/(<u> </u>	b.	s/(2
- 0								•				·
120		QC4- 100% Inspect ki	ts for completeness	0.00	201 1			(ia				
QC		Memo		0.00	10/4/05			(#)	<u> </u>			-

Siolulus

Quality Control

Dart Ae	rospace Lt	d								•		
W/O:			W	ORK ORDER CHANG	GES							
DATE	STEP	PR	OCEDURE CHA	NGE		Ву	Date	Date Qty Approval Chief Eng / Prod Mgr				
Part No):	PAR #:	Fault Cate	gorv:	NC	R: Yes	No D	QA:	Date:			
		olution:					ŀ					
NCR:			WORK ORD	ER NON-CONFORM	ANCE	(NC	R)!					
DATE	STEP	Description of NC Section A	Initial	Action Description	ction B	Sign Date	& S	ification ection C	Approval Chief Eng	Approva QC Inspecto		
			Chief Eng	Chief Eng		Date						
						:						

NOTE: Date & initial all entries

Work Order ID 63167

Required Date: 10/28/2010

* Friday, October 22, 2010 8:30:33 AM



Page 2

Item ID:

D412-705-015

Accept



Setup Start

Stop



Item Name: **Start Date:**

Revision ID:

10/21/2010

Driveshaft Tunnel Modification

Start Qty: 2.00 Req'd Qty: 2.00

Cust Item ID:

Customer:

Reference:

Approvals:

Process Plan:

Date:_____

Tooling:

Date:

Run

QC:

Date:_____

SPC (Y/N):

Set Up/

Run Hours

Tool ID

Date:

Tool # Plan

Code

Sequence ID/

Work Center ID

130

Packaging

Packaging

Memo

Operation

Packaging

Description

0.00

0.00

Identify and pack for shipping as per PPP D412-705-015 \(\text{Location:} \) \(\text{PPP Rev:} \)

140

QC

Quality Control

QC21- Final Inspection - Work Order Release

0.00

Memo

0.00

Qty

Start



Stop

Insp.

Reject Accept Qty

Reject Number

Stamp

Dart Aeı	rospace L	_td							c
W/O:			W	ORK ORDER CHANGE	S		· · · · · · · · · · · · · · · · · · ·		•
DATE	STEP	PRO	CEDURE CH	ANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approva QC Inspector
						ľ			
								,	
Part No	:	PAR #:	Fault Cat	egory:	NCR: Yes	No DG	A:	Date: _	
	Res	solution:	Dispositi	on:	QA: N/C C	losed:		Date: _	
NCR:		V	VORK OR	DER NON-CONFORMA	NCE (NC	R)			
DATE	CTED	Description of NC		Corrective Action Section		Verifi	ication	Approval	Approval
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign Date	& Sec	tion C	Chief Eng	QC Inspecto
						\			
						i l			

NOTE: Date & initial all entries

Picklist Print

Friday, Öctober 22, 2010 8:30:38 AM

Work Order ID: 63167

D412-705-015

Parent Item Name: Driveshaft Tunnel Modification



Start Date: 10/21/2010

Required Date: 10/28/2010

Start Qty: 2.00

Required Qty: 2.00

Comments:

Parent Item:

IPP Rev:B Removed Manufacturing 06-10-03 JLM IPP Rev:C ECN 1052 07-11-05 DD verified by:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty		Date Issued	Status
AN3C3A Bolt		Purchased	No			120	Each	327.0000	22	44	hsf)	
,				Location ST350	111916 115159 115371	<u>Loc</u>	327 2 200 25	Loc Code		N	- - - -		
AN3C4A		Purchased	No		115936 .	120	100 Each	2,361.000	3	10/11	125/		
				Location ST303 ST350	115438 114108 114416 114523 115300 115589 115936		Oty 3 3 2358 14 12 2 330 1000 1000	Loc Code	·	6	- - - - -		
D3256-1		Manufactured	No		113730	120	Each	2.0000	<u>;</u> 1	2/0/1	y/2 S/	<i>(</i>) 	62

Location Loc Qty Loc Code ST176 2 2 60079

Dart A	Aeros	pace	Ltd
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W/O:		WORK ORDER CHAN	IGES					¢.
DATE	STEP	PROCEDURE CHANGE	В	у	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
							<i>;</i>	
					, 			
Part No);	PAR #: Fault Category:	NCR: \	es/	No DQ	A:	Date:	

Disposition: _____ QA: N/C Closed: ____ Date: ____

NCR:			WORK ORD	ER NON-CONFORMANC	E (NCR)			
		Description of NC		Corrective Action Section B		Verification	Annrovol	Approval
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Approval Chief Eng	Approval QC Inspector
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NOTE: Date & initial all entries

Resolution:

Friday, October 22, 2010 8:30:38	3 AM								Page 2
Work Order ID: 63167 Parent Item: D412-705-015					<u> </u>		-		2
Parent Item Name: Driveshaft Tur	nnel Modification	1 1881118 13			181		Start Date: Start Qty: 1		Required Date: 10/28/2010 Required Qty: 2.00
D3256-3	Manufactured	No		120	Each	3.0000		½ _/U/11	128
ZGasket			Location	<u>La</u>	oc Qty	Loc Code			
			ST176		3			7	-
	Purchased	No	60741	120	3 Each	1,976.00	0 44	88	ulas)
Rivet			Location	Lo	oc Oty	Loc Code			/
			ST318		1976				_
ŕ			115409 115589		51 1925			88	_
MS21060-L3K Nut Plate	Purchased	No		120	Each	175.0000	22	44	11/25/
Nut Plate			Location	<u>L</u>	oc Oty	Loc Code			,
			ST302		175			 	
			115101 115392		1 9			 	_
			115779		145			W	_
•			115831		20		_		_ 1 _
MS9321-09,	Purchased	No		120	Each	196.0000	25	10/	ubs/ (a)
W asilei			Location	<u>L</u> .	oe Qty	Loc Code	<u> </u>		
			ST196		-3				
			115156		-3				_
			ST296		199			· /ɔ.	
			115531 115698		100 99			35	
									
Friday October 22 2010 8:20:21	V A N A		Cham D	antent Daint					n . ^

Dart	Aeros	pace	Ltd
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W/O:		WORK ORDER CHANGES		l l			٧.
DATE	STEP	PROCEDURE CHANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
				1		l	
				į.			
				<u> </u>		-	
Part No		PAR #· Fault Category: NC	D. Vac	No DO	Δ٠	Date:	

Part No:		PAR #:	Fault Category:	NCR: Yes No	DQA:	Date:	
	Resolution:		Disposition:	QA: N/C Closed	!	Date:	

NCR:			WORK ORD	DER NON-CONFORMANC	E (NCR)	I		
		Description of NC		Corrective Action Section B Verification A		Approval	Approval	
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Chief Eng	QC Inspector
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NOTE: Date & initial all entries



DART AEROSPACE LTD.

IIN-D412-705 Page 16 of 16

5.0 PARTS LIST

Qty	Qty	Qty	Qty	Qty	Qty	Qty		
-011	-013_	-015°	-017	-019	-021	-023	Part Number	Description
X							D412-705-011	TWIN PAK E-Z ACCESS KIT
1	X						D412-705-013	INTAKE PLENUM ACCESS PANEL KIT
1		Х					D412-705-015	DRIVESHAFT TUNNEL MODIFICATION KIT
1			Х				D412-705-017	N1 GEARBOX ACCESS PANEL KIT
1				Х			D412-705-019	C-BOX OIL COOLER LINE SUPPORT ACCESS KIT
1					X		D412-705-021	OIL PRESSURE TRANSMITTER ACCESS KIT
1						X	D412-705-023	OIL COOLER SUPPORT REMOVABLE LOWER
								PANEL KIT
	·							
	1	· ·					D3245-041	ACCESS PANEL ASSEMBLY, LH
	1						D3245-042	ACCESS PANEL ASSEMBLY, RH
	2						D3245-043	DOOR ASSEMBLY
	2						D3245-9	GASKET
	2						D3245-11	GASKET
	2					_	D3245-13	GASKET
			1				D3255-041	ACCESS PANEL ASSEMBLY, LH
			1				D3255-042	ACCESS PANEL ASSEMBLY, RH
		1					D3256-1~	ACCESS PANEL
		1					D3256-3 2	GASKET
				1			D3259-041	ACCESS PANEL ASSEMBLY, LH
				1			D3259-042	ACCESS PANEL ASSEMBLY, RH
					1		D3307-041	ACCESS PANEL ASSEMBLY
				i				
						30	AN3-3A	BOLT
		22.	30		6		AN3C-3A -	BOLT
		3					AN3C-4A	BOLT
						30	AN960JD10	WASHER
	16	44	36		12	-	MS20427M3-3	RIVET
						2	MS21051-L3K	NUT PLATE
	8	22	18		6		MS21060-L3K	NUT PLATE
						18	MS21069-L3K	NUT PLATE
		25	30		.6		MS9321-09	WASHER